

# PROCEEDINGS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA.

## PITTSBURGH MEETING.

The Twelfth Annual Meeting of the Entomological Society of America was called to order by First Vice President, Dr. E. M. Walker, in the Lecture Room of the Carnegie Museum, Pittsburgh, at 2.30 P. M., on December 28, 1917. On account of ill health, President Lawrence Bruner was not present. There was an attendance of sixty-five members at the opening session.

The Chair appointed the following committees:

Nominations—FRANK E. LUTZ, R. C. OSBURN, J. G. SANDERS.

Resolutions—A. G. RUGGLES, V. A. E. DAECKE, VERNON KELLOGG.

Auditing—J. L. KING, SEYMOUR HADWEN.

The following papers were read:

Studies on the Dryinid Parasites of Leaf-hoppers. . . . . F. A. FENTON  
Climatic and Seasonal Variation in Cerodonta. . . . . J. M. ALDRICH  
Observations on the Life History and Habits of *Pilophorus walshii*  
Uhler. . . . . B. B. FULTON  
An Interesting Habit of a Wax Moth Parasite. . . . . S. A. GRAHAM  
(Presented by A. G. Ruggles).  
The Genitalia of *Gryllotalpa* and Related Forms. . . . . E. M. WALKER

At 5 o'clock the meeting adjourned until the next morning.

December 29, 10 A. M. The meeting was called to order by First Vice President, E. M. Walker. This being the annual business session, the Executive Committee presented the Reports of the Secretary, Treasurer, the Managing Editor of the ANNALS, and of the Treasurer of the Thomas Say Foundation, as follows:

### REPORT OF THE SECRETARY.

The following members have resigned since the last report:

G. A. Akerlind	A. R. Cahn
N. E. Crosby	C. B. Davenport
R. Etheridge	J. B. Garrett
J. L. Hypes	W. D. Kearfott
R. J. Kewley	W. J. Kostir
J. H. Paine	H. A. Preston
Mrs. A. W. Smith	

Total—13.

The following have died: E. J. Goeldi, J. M. Lawford. Total—2.  
Dropped for non-payment of dues, 28.

All losses, 43.

Elected to membership, November 1, 1917:

Ellsworth Bethel	Henry L. Bowers
L. L. Buchanan	E. E. Calder
F. S. Carr	W. B. Cartwright
B. R. Coad	H. G. M. Crawford
Philip Dowell	H. S. Fackler
A. J. Flebut	R. T. Garnett
J. W. Green	Fordyce Grinnell, Jr.
L. G. Gwynn	Ralph Hopping
R. H. Howe	Chas. R. Jones
P. B. Lawson	A. W. Lindsey
A. L. Lovett	Georges Maheux
J. W. McCulloch	F. J. A. Morris
A. J. Mutchler	Howard Notman
E. D. Quirsfeld	D. A. Ricker
F. S. Stickney	M. C. Van Duzee
W. R. Walton	Ralph Whittle
Wm. Wild	C. W. Woodworth
Hachiro Yuasa	
Total—35.	

Elected to membership December 28, 1917:

E. A. Chapin	Robt. Dickson
Victor Duran	P. W. Fattig
H. M. Fort	Chas. W. Frost
S. A. Graham	Geo. Hofer
M. J. Elrod	Henry G. Klages
Bernard Krautwurm	M. C. Lane
J. M. Langston	Fred Marloff
R. M. May	C. E. Mickel
Edgar Nelson	J. A. Reis
Franklin Sherman	C. F. Stahl
L. A. Stearns	R. C. Treherne
F. W. Urich	A. O. Weese
Chas. A. Weigel	S. Howard Williams
Howard E. Woodworth	V. J. Zahrobsky
Total—28.	

All additions, 63. Net gain, 20 members.

Frederick Knab, a charter member, was elected a Fellow by the Executive Committee on May 1.

The membership on December 24, 1917, was in the following classes (in which Fellows are not separated from Members):

Honorary Fellows.....	7
Life Members.....	4
Paid for 1918.....	193
Paid for 1917.....	189
Paid for 1916.....	66
Paid for 1915.....	31
Paid-up, foreign.....	20
Other foreign.....	34
Total except new.....	543
New in 1917.....	63
Total membership.....	606

The Secretary has endeavored to make a list of members in war service, but it is very incomplete (hence not printed; the Secretary did not bring up the matter of remitting dues of members in service below commissioned rank, as intended, on account of his inability to get anything like a list of such members at present).

Respectfully submitted,

J. M. ALDRICH, *Secretary*.

#### REPORT OF THE TREASURER.

##### RECEIPTS.

Balance December 14, 1916, ( <i>Annals</i> , March, 1917, p. 100).....	\$ 38.82
Dues from members.....	1,282.15
From Managing Editor of <i>Annals</i> .....	280.14
Interest on permanent funds, January and July.....	10.58
Interest on current balance.....	11.03
Exchange.....	.15
Total.....	\$1,622.87

##### DISBURSEMENTS.

Printing five numbers of <i>Annals</i> .....	\$1,161.22
Transferred to Managing Editor, subscriptions.....	3.15
Refund to F. A. Fenton.....	2.00
Printing and stationery, Secretary's office.....	39.48
Stamps, stamped envelopes, postal cards.....	51.60
Clerical assistance, Secretary's office.....	47.00
Interest on permanent funds, re-deposited.....	10.58
Minor office expenses.....	3.85
Balance on hand, December 20, 1917.....	303.99
Total.....	\$1,622.87

The Society owes for the last number of *ANNALS*, and has a sufficiently large balance to pay this bill on presentation. The total income of the Society (\$1,622.87, minus the second and third items under disbursements, plus Managing Editor's receipts except the transferred item of \$280.14) was \$1,787.88, the largest in its history.

## CONDITION OF PERMANENT FUNDS.

Four Life Memberships.....	\$200.00
Samuel Hubbard Scudder Fund.....	50.00
Accumulated interest to last report.....	12.48
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Total last report.....	\$262.48
Interest added January and July, 1917.....	10.58
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Present total.....	\$273.06

Respectfully submitted,

J. M. ALDRICH, *Treasurer.*

## REPORT OF THE MANAGING EDITOR.

The Managing Editor is pleased to report a satisfactory year considering the unsettled conditions that have had to be met. The receipts of this office have been \$450.30 and the expenditures \$170.16, leaving a balance of \$280.14, turned over to the Treasurer.

A condensed summary of the items follows:

## RECEIPTS.

Subscription account.....	\$243.65
Sale of Back Numbers.....	114.50
Reprints and authors contributions.....	92.15
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	\$450.30

## DISBURSEMENTS.

Stamps, Express and Post Office Charges.....	\$ 27.06
Stenographic Help, Office Supplies and Labor.....	34.83
Engraving.....	108.27
Balance to Treasurer.....	280.14
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	\$450.30

The volume issued contains 418 pages, only slightly less than for the preceding year and the expense has been kept approximately the same by the use of a lighter weight paper which, however, is of excellent quality. A number of authors have very kindly contributed toward the preparation of plates which has enabled us to use a larger number of illustrations than would otherwise have been possible.

A number of back volumes have been sold and I am pleased to acknowledge the assistance of various members who have helped in placing such volumes and trust this favor will be continued for the coming year.

We have a number of available papers on hand, in fact the supply has surpassed the available space, but it seems to me that we should for the coming year keep safely within the estimated income of the Society for publication, selecting with care those papers which are most desirable for immediate publication and trusting that authors will appreciate the necessity for delay in some instances.

Respectfully submitted,

HERBERT OSBORN,  
*Managing Editor.*

## THE REPORT OF THE TREASURER OF THE THOMAS SAY FOUNDATION.

As no report was filed by the former treasurer, the entire financial history of the Say Foundation from the beginning is here reported. This does not include the expenditure of the grant from the Entomological Society of America, which has been reported by the Secretary and audited previous to this time.

## RECEIPTS.

1 subscriber @ \$25.....	\$ 25.00
34 subscribers @ \$10.....	340.00
94 orders @ \$3.....	282.00
Postage received.....	1.08
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	\$648.08
Less discounts allowed.....	5.30
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Total net receipts.....	\$642.78

## EXPENDITURES.

Printing 1000 copies of Sarcophaga & Allies.....	\$406.80
Binding 200 copies.....	49.20
Postage.....	15.04
Advertising.....	15.03
Miscellaneous expenses.....	4.19
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Total expenditures.....	\$490.26
Cash on hand to balance.....	152.52
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Total.....	\$642.78

## OBLIGATION.

1 subscriber @ \$25 (balance).....	\$ 22.00
34 subscribers @ \$10 (balance \$7 each).....	238.00
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Total obligation.....	\$260.00
Less cash on hand.....	152.52
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Net obligation.....	\$107.48

This obligation will require the sale of 38 more volumes to liquidate.

*Distribution to December 19, 1917.*

It will be observed that there are more than enough copies of bound volumes on hand to cover the deficit if sold, so that no further expenditure along that line need be incurred.

Respectfully submitted,

E. D. BALL, *Treasurer.*

## REPORT OF THE THOMAS SAY FOUNDATION.

The activities of the Say Foundation have been confined to the distribution of Volume I, "Sarcophaga and Allies."

Owing to the financial condition, as shown by the Treasurer's Report, and the unsettled condition incident to the war, no further publication has been considered.

In addition to the seventeen names, listed on page 111 of the ANNALS for March, 1916, the following persons have subscribed to the Say Foundation:

18. P. J. Parrott	27. } Names
19. R. C. William, Jr.	28. } not
20. Thos. L. Casey (\$25)	29. } reported
21. William Wheeler	30. J. H. Comstock
22. R. W. Harned	31. E. D. Ball
23. American Ent. Soc.	32. Economic Entomologist, Pa.
24. A. C. Burrill	33. J. J. DeGryse
25. R. W. Doane	34. J. F. Illingworth
26. Jas. K. Thibault	35. Frederic V. Green

J. M. ALDRICH,  
E. D. BALL.

On the Editorial Board of the ANNALS, the Committee has appointed W. S. Marshall, Vernon Kellogg and F. E. Lutz, succeeding P. P. Calvert, J. W. Folsom, and H. C. Fall. On the Thomas Say Foundation, the Committee has reappointed J. M. Aldrich, Editor; E. D. Ball, Treasurer, and E. B. Williamson; and has appointed P. P. Calvert to succeed Morgan Hebard, in war service.

On motion, the report of the Executive Committee was accepted.

The Committee on Nomenclature made the following report:

#### REPORT OF THE COMMITTEE ON NOMENCLATURE.

Rules of nomenclature have been formulated to facilitate procedure and to prevent, so far as possible, doubt as to the validity of scientific names. There is certainly need of assistance along these lines and if rules are drafted in a conservative spirit and generally followed, we believe that much benefit and little annoyance will result.

The following is respectfully submitted with a recommendation for favorable action:

(1) Generic names should not be considered homonyms unless spelled alike.

(2) Specific names should not be considered homonyms unless originally placed in the same genus, or the earlier name originally referred to the genus to which the later belongs, or the earlier name to be referred to the same genus as the later as a valid species.

Examples: A. b. 1820. A. b. 1840. The latter is a homonym.

A. b. 1820 (now called B. b.). C. b. 1840 (now referred to genus A. as A. b.). The latter is a homonym.

A. b. 1820, now called B. b., a valid species. B. b. 1840. The latter is a homonym.

A. b. 1820 was referred in 1830 to B. as B. b., but is a species of C. B. b. 1840 (the latter is a valid species of B.). Not a homonym.

A. b. 1820 is a species of B., but a synonym of B. c. C. b. 1840 is a valid species of B. (B. b.). The latter is not a homonym.

This interpretation of the rule may be questioned and is here presented for the purpose of stimulating discussion.

(3) A type locality should be cited whenever possible. It can do no harm and may be of material service in establishing the identity of a species.

The advisability of using a single type in taxonomic work was referred to this Committee at the last meeting with instructions to report.

(4) The designation of a holotype is recommended whenever practical and it is advised that the specimen be selected with considerable care in an effort to secure a form typical of the species.

The holotype should, when possible, be accompanied by a series of specimens showing the range of variation and the entire lot might well be designated as a type series.

There are small delicate insects where the designation of a holotype is not customary, such as balsam preparations of Aphididæ, Coccidæ and Itonididæ, especially where it is necessary to examine several specimens in order to ascertain structural details. These are certainly type series and should be so designated on the labels, but it is desirable to mark one specimen (as by a ring on the glass) as a type.

Respectfully submitted,

E. P. FELT,  
T. D. A. COCKERELL,  
*Committee.*

The Committee on Entomology in the National Museum made a report, giving a brief summary of progress and suggesting the continuation of the committee.

On motion of Herbert Osborn, the only member of the committee present, the report was referred back to the committee for further consideration.

The Committee on Resolutions made the following report:

The Entomological Society of America greatly appreciate the courtesies shown to us by the local Committee of Arrangements, and particularly by our friend, Dr. W. J. Holland, Director of the Carnegie Museum.

We also appreciate and commend the efforts made to enlarge our membership, resulting in sixty-three additions this year; we should continue this effort, and in these times of stress and hardship, when all our energies are bent upon winning the war, we should look forward more than ever to these annual meetings as times when we get the inspiration to go ahead with renewed zeal, knowing that we are building the foundations of a structure that makes for conservation.

A. G. RUGGLES,  
V. A. E. DAECHE,  
VERNON KELLOGG.

On motion the report was adopted.

## REPORT OF THE AUDITING COMMITTEE.

We, the undersigned, have examined the books of the Entomological Society of America, and find that the accounts are correct as presented by the Secretary-Treasurer, the Managing Editor and the Treasurer of the Thomas Say Foundation.

SEYMOUR HADWEN,  
J. L. KING,  
*Auditing Committee.*

On motion the report was accepted.

The nominating committee made the following report:

Your Committee respectfully submits the following nominations for officers in 1918:

President—Nathan Banks.  
First Vice-President—T. D. A. Cockerell.  
Second Vice-President—E. P. Van Duzee.  
Secretary-Treasurer—J. M. Aldrich.  
Executive Committee—C. W. Johnson, Wm. Barnes, E.  
Walker, W. A. Riley, Henry Skinner.

Respectfully submitted,

(Signed) FRANK E. LUTZ,  
RAYMOND C. OSBURN,  
*Nominating Committee.*

On motion, the Secretary was instructed to cast the ballot of the Society for the persons named to fill the various offices. He reported this to be done, and they were duly declared elected.

The members of the retiring Executive Committee asked that the president be authorized to appoint two members for the day to fill the places of absentees, in order that some Fellows might be elected; the President, having been so authorized, appointed Vernon Kellogg and Jas. S. Hine.

No further business appearing, the reading of papers was resumed, as follows:

Notes on the Early Stages and Habits of Botflies (*Gastrophilus*),  
SEYMOUR HADWEN and E. A. CAMERON  
Notes on the Life History and Habits of the Ox Warble, *Hypo-  
derma lineatum*.....F. C. BISHOPP and E. W. LAAKE  
Session adjourned until 2 P. M.



2 P. M.—On the call to order by Vice President Walker, the Secretary announced for the Executive Committee the election of the following Fellows:

A. F. BURGESS  
LAWSON CAESAR  
R. V. CHAMBERLIN  
GUY C. CRAMPTON  
GEO. A. DEAN

WM. T. DAVIS  
JOHN J. DAVIS  
ARTHUR GIBSON  
MORGAN HEBARD  
C. W. LENG

FRANK E. LUTZ  
W. S. MARSHALL  
FREDERICK MUIR  
RAYMOND C. OSBURN  
E. C. VAN DYKE

The Secretary called attention to two specimens which were passed around, one being *Oroperipains*, from Panama, sent by James Zetek; the other an adult *Cuterebra*, reared from a house mouse in British Columbia by Dr. Hadwen.

The reading of papers was then continued, as follows:

Annotated List of Lachnosterna Enemies.....J. J. DAVIS  
A Contribution to a Knowledge of the Life History of the Leaf-eating Crane-fly, *Cylindrotoma splendens*.....A. E. CAMERON  
Reminiscences of My Early Work Upon the Diptera...S. W. WILLISTON  
Notes on the Genus *Chlorotettix*.....D. M. DELONG  
The Alydinae of the United States.....S. B. FRACKER  
My Recent Collecting Trip to Alaska.....J. S. HINE

At 5:30 P. M. the afternoon session adjourned.

8:00 P. M.—The Society was called to order by Vice President Walker, who introduced Professor Vernon Kellogg. Professor Kellogg gave the Annual Address, upon the subject "The Entomologist and the War."

At the conclusion of the address, the Chair called upon several present to discuss its subject matter; Dr. Howard and Dr. Holland expressed warm approval, which was evidently shared by all.

The program of the Annual Meeting having been completed, the Society adjourned *sine die*.

J. M. ALDRICH,  
*Secretary-Treasurer.*